

Use Case Realization Call: July 10, 2019

Date

10 Jul 2019

Attendees

- Benjamin Cheung
- Vimal Begwani
- Enbo Wang
- Gerard Hynes
- Jacqueline Beaulac
- yaoguang wang
- Zu Qiang (Ericsson)
- Fari Behi
- Linda Horn
- James Forsyth
- Melanie Sater
- Yuriy Malakov

Table of Key Presentations/Overviews

DATE	TOPIC	PRESENTER	DESCRIPTION
Apr 10, 2019	Controller LCM API Evolution	Oskar Malm	• Target is common LCM API in CCSDK usable by different controller personas to simplify for both clients and controller implementations • Support PNFs for applicable LCM operations in a consistent way • Enable use of CDS blueprint processor to customize behavior of LCM operations in the 'self-service' category ◦ In ONAP R4, CDS can be used for pre/post-instantiation configuration. Generic and model-driven design should allow CDS usage to be extended for additional operations and use cases. • Evolution steps that preserve backwards compatibility for clients https://wiki.onap.org/download/attachments/50202249/2019-04-09%20ONAP_LCM_API_Evolution_EI_Alto.pptx?api=v2
May 1, 2019	A&AI GraphVisualizer	Pavel Paroulek	Visualizer for A&AI Model Layout Use Case Realization Call: May 1, 2019
May 8, 2019	A&AI Model Browser, Sparky	James Forsyth	A&AI developer Model Browser to navigate and viewing attributes, object types & edge view Recording & Slides: Use Case Realization Call: May 8, 2019
May 15, 2019	A&AI Run Time Browser (Sparky)	Giulio Graziani	A&AI Run-Time Browser
May 22, 2019	Edge Automation Overview	ramki krishnan	Central & Distributed Edge ONAP configuration. Topics include: Onboarding, Instantiation, Edge Orchestration, A&AI, Architecture, Work-flows, Multi-Tenancy Use Case Realization Call: May 22, 2019
May 29, 2019	Modeling S/C , Use Case Project Teams, Architecture S/C Way of Working	Benjamin Cheung	Model S/C (Sub committee) contributions page: Modeling sub-committee Contributions https://wiki.onap.org/display/DW/Proposed+ONAP+Release+Process+Updates+for+Information+and+Data+Modeling
Jun 5, 2019	Use Case slides for Dev. Forum	Benjamin Cheung	Use Case Realization Call: June 5, 2019
Jun 12, 2019	(No Meeting)	Developer's Forum	(No Meeting)
Jun 19, 2019			Discussion of U/C items

July 10, 2019	R6: PNF Software Upgrade	Zu Qiang (Ericsson) Ulas Kozak yaoguang wang	ONAP Read the Docs/R4 Announcements WIKI: PNF software upgrade in R6 Frankfurt
July 17, 2019	R6: OOF/SON PCI Use Case	N.K. Shankarana rayanan	

Discussion items

Time	Item	Who	Notes
	Business Drivers	Benjam in Cheung	Discussion of Business Imperatives added to Use Case Pages From U/C S/C call on Monday May 6 See example from PNF PNP and PNF Pre-onboarding/onboarding 5G - PNF Plug and Play PNF PREONBOARDING / ONBOARDING in R6 Frankfurt BUSINESS DRIVERS TEMPLATE: Business Driver Template for Use Cases
	R5 EI Alto Cadence Release Proposal (EUAG / End-User Advisory Group)	Benjam in Cheung	https://wiki.lfnetworking.org/display/LN/EUAG+2019-04-09+meeting+minutes Summary: The R5 EI Alto release could be shortened and focus on internal (tech) debt and defect backlogs. A proposed release cycle is presented. EI-Alto Release Requirements
	Agile Process vs Waterfall Process		Will ONAP move to an Agile Sprint-based process vs Waterfall Process
	R4/Dublin (RC2) May 30, 2019	Benjam in Cheung	Release Candidate 0 - End 2 End Release Test Cases and End 2 End functional Test Cases. Project Team focused its effort on: TESTING - integration testing (complete Health Check and Pair Wise Testing) DEFECTS - closing high priority defects DOCS - supporting Documentation team R4 Dublin Release Planning Wiki: Release Planning Score Card: M4 Dublin Release Requirements testing & Integration status: Dublin Release Integration Testing Status RC2 passed (TSC Jun 6 2019)
	PLATFORM TOPICS: Controller to NF Association	Benjam in Cheung	R5/R6 Topic See Slides Nov 6, 2018. Development of Controller to NF assignment association S/W. USE CASE REALIZATION MEETING (Notes 2018-11-6) Ctrl-NF
	PLATFORM TOPICS: Data Persistency	N.K. Shankarana rayanan	STATUS: Work for ConfigDB completed, not merged in R4 Dan Timoney moved to R5, one Jira for ConfigDB. One issue about merging. ONAP code added can take a test ONAP deployment to have the ConfigDB work. USE CASE REALIZATION MEETING (Notes 2019-01-30) U/C Cross-Interaction, Persistency
	PLATFORM TOPICS: Controller LCM API Evolution	Oskar Malm	https://wiki.onap.org/download/attachments/50202249/2019-04-09%20ONAP_LCM_API_Evolution_EI_Alto.pptx?api=v2 Goals (Architecture Evolution) - Target is common LCM API in CCSDK usable by different controller personas to simplify for both clients and controller implementations - Support PNFs for applicable LCM operations in a consistent way - Enable use of CDS blueprint processor to customize behavior of LCM operations in the 'self-service' category - In ONAP R4, CDS can be used for pre/post-instantiation configuration. Generic and model-driven design should allow CDS usage to be extended for additional operations and use cases. - Evolution steps that preserve backwards compatibility for clients Present at the Arch S/C Apr 9 (Tue) second presentation.

USE CASES: BBS U/C Evolution	David Perez Caparr os Tim Carey Chaker Al- Hakim	BBS Evolution - Slide set linked in R6 proposed U/C. List of proposals & functional requirements. 1. Change Service - want to use ONAP platform. 2. Full Closed Loop for Fault Management - CLAMP. 3. Service Update API (SO) - will be developed https://wiki.onap.org/download/attachments/60887504/BBS_R5_v1.pptx?version=1&modificationDate=1554180715000&api=v2
USE CASES/5G: PM Dictionary/FM MD GUI	Marge Hillis	FM META DATA & PM DICTIONARY in R5
USE CASES/5G: Preonboarding /Onboarding	Benjam in Cheung Zu Qiang (Ericss on) Michela Bevilac qua	PNF PREONBOARDING / ONBOARDING in R5
USE CASES: Modeling gNB/5G RAN	Thinh Nguyen phu Benjam in Cheung Melanie Sater Tracy Van Brakle	Align, harmonize, reconcile various information models to ONAP model: Expand & verify model and harmonize with the ONAP internal information & data model: ETSI SOL001 ... 007 with ONAP internal Model PNFD modeling (Model S/C) 5G Model (3GPP) ORAN (WGs) Open ROADM (reconfig optical add/drop multiplexer) ONF ISOMII OTCC (Optical transport config & control) - Use Cases that need transport models need some model consistency. - Try a Use Case with extended ONAP model & real equipment.
Arch S/C PNF POB/OB Flow	Benjam in Cheung	Arch S/C Information Flows: Draft ONAP Information Flows New Information flow for Preonboarding/Onboarding xNF packages/resources. ARCHCOM: InfoFlow - Onboard Resource into SDC Flow
A&AI - Model Browser	James Forsyth	A&AI updates - presentation given Jun 5 2019 about new views being developed in A&AI. Recording - 2019-06-05 AAI Meeting Notes graphgraph + model browsers. (Pavel in progress)
IoT Service Creation	Atul Purohit	IoT Create Services on 5G 5G Use Cases in R6 Frankfurt June 19, 2019

O-RAN Modeling & alignment with ONAP	Tracy Van Brakle Melanie Sater	work with Open RAN alliance availability of 3GPP baseline (that vendor & operators agreed upon) add to ONAPs information model and expand existing management I/F for CM management. want to plug them into ONAP and facilitate the 5G and other use cases working these open I/F specifications. For El Alto WG-1,3,6. Configuration management NetConf YANG specification derived from info model aligned w/ 3GPP RM & existing 3GPP info-model. Papyrus. Which 5G U/C good candidates verification w/ evolving model. PNF PnP/OOF? Near Real Time RIC. WG-4 open Front Haul. In PCI/SON U/C - the SDN-R Interaction w/ RAN simulator is Netconf/YANG based. In R5 we could see what parts of the model would come from ORAN May 15 2019 Update: Early stage information model that pre-dates O-RAN and was used for PCI use case with ONAP rel 2 Beijing is being carried forward to O-RAN O1 CM interface specification; refer to https://wiki.onap.org/download/attachments/28382769/RAN_Info_Model_Rel_0.pptx?api=v2 Attributes similar with LTE. 5G Architecture evolution.
New Use Case in 5G for RAN Standards harmonization with ONAP	Marge Hillis Vimal Begwani Fred Feisullin	- Orchestration at the Edge. - A1/O1/E2 communications. Edge to ENBs, Telemetry. - E2 will not have this info. O1 is I/F for PM counts. Not a management I/F. - WG3 (ORAN) is defining this. - ONAP w/ O1. Changes w/ O1 interface. - How to satisfy A1/O1 and in what time-frame. - U/C ORAN - ONAP harmonization. 3GPP ORAN ONAP. - Starting a new U/C in 5G. Marge, Vimal, Fred Feisullin - Edge inventory & topology. Transport BH consideration w/ real-time near-RT aspects - Akraino. MEC. Edge automation (Ramki). Use Case WIKI: MOBILITY STANDARDS HARMONIZATION WITH ONAP
New Use Case in 5G for Licensing Management	Timo Perala	New U/C added to the 5G Use Cases for Licensing Management Use case Wiki: LICENSING MANAGEMENT
OOF/PCI	N.K. Shankaranarayanan	PoC U/C will happen in WinLab. to meet time lines do those parts in Wind river focusing on DCAE, Policy and OOF. Jira SDN-C (Dan Timoney) pushed El Alto (the Maintenance Release).
Developers Forum (R5 /R6) Sweden		https://wiki.lfnetworking.org/display/LN/June+2019+LFN+DDF+Schedule

SUPPORTING DOCUMENTATION

Document	File
R6 Use Case Analysis & Cross-Interaction Matrix	 R6Frankfurt-Use...19Jn2019v1.xlsx

RECORDING

Recording	FILE
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Zoom Video & Audio (MP4)



zoom_0.mp4

Audio Only (M4A)



audio_only.m4a

Playback (M3U)



playback.m3u

Chat (Txt)



chat.txt



meeting_saved_chat.txt

Action items

